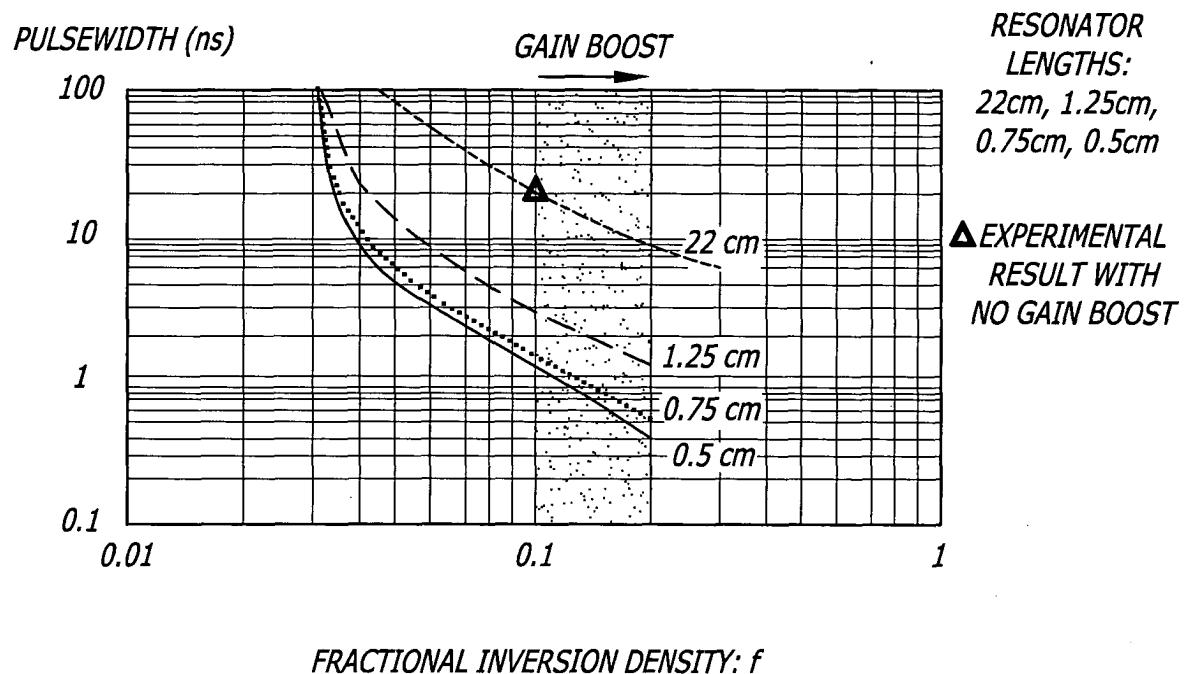


FIG. 1
(Prior Art)

*Q-SWITCHED PULSE WIDTH AS A FUNCTION
OF FRACTIONAL DENSITY IN Er:YAG*



*FIG. 2
(Prior Art)*

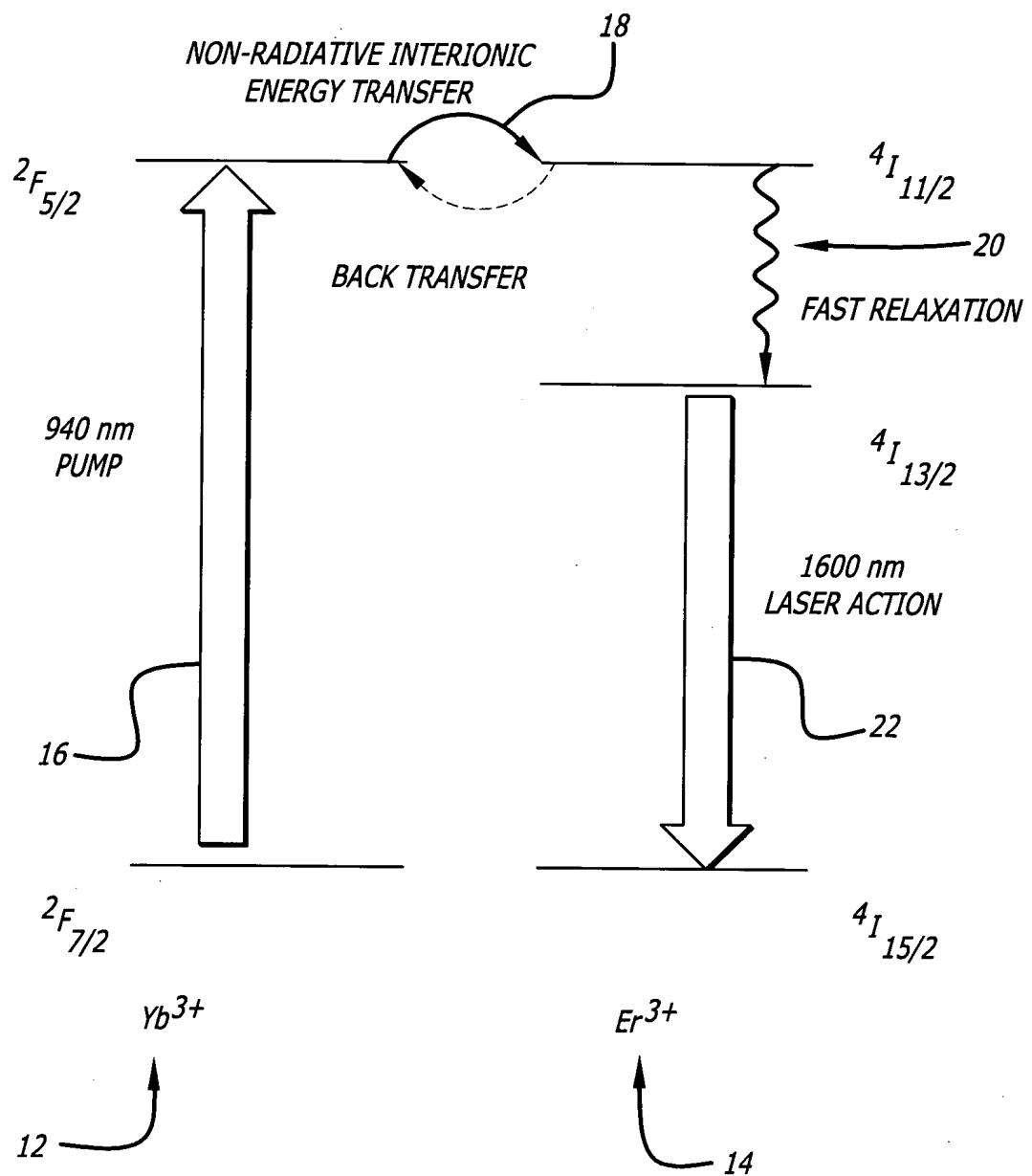
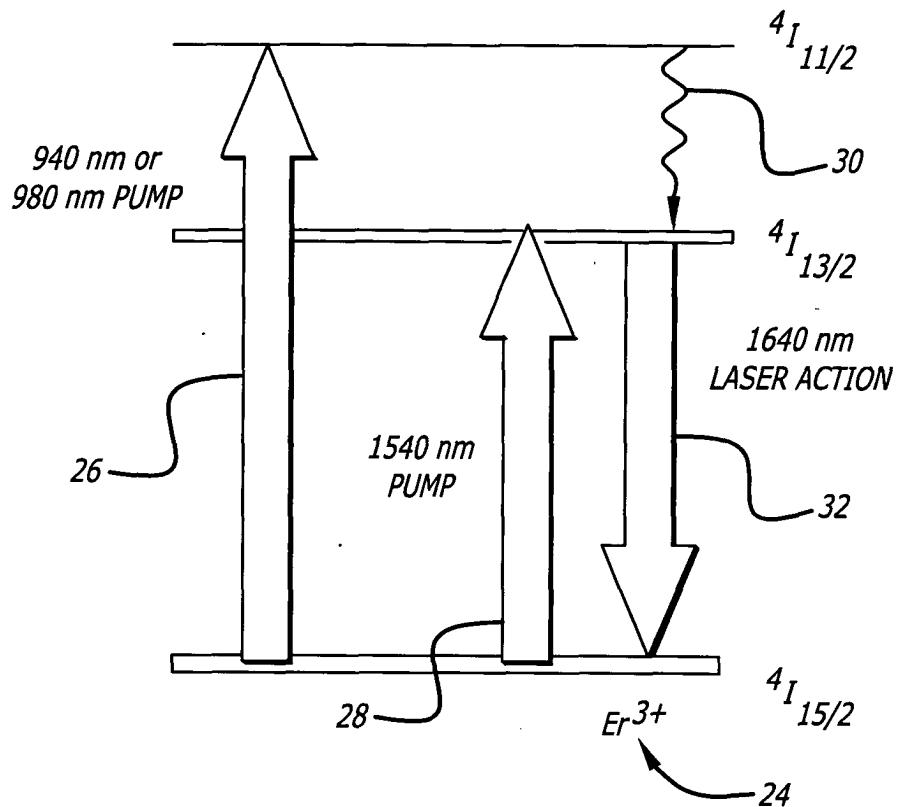
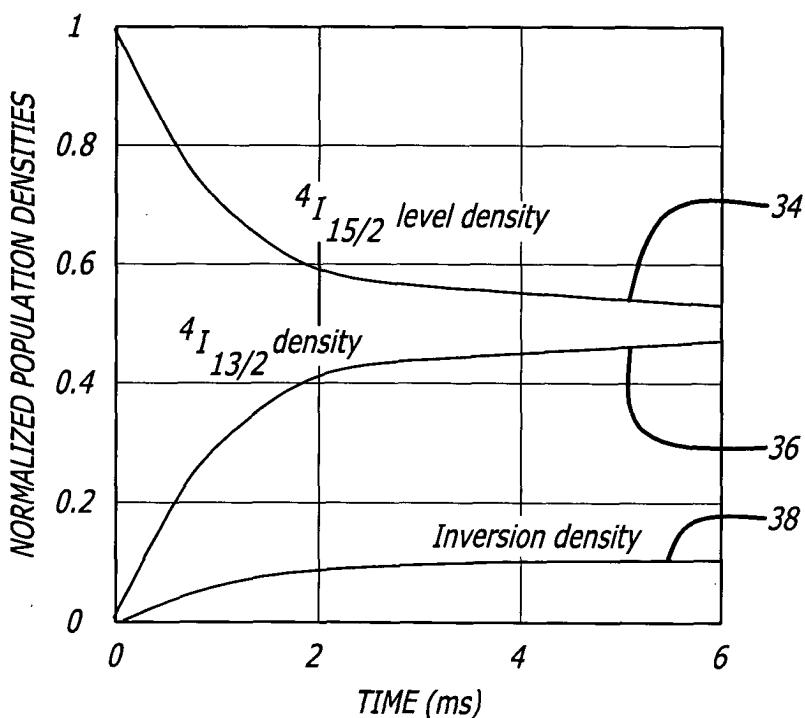


FIG. 3
(Prior Art)

FIG. 4

ENERGY LEVEL POPULATION DYNAMICS FOR RESONANTLY PUMPED $\text{Er}: \text{YAG}$ LASERFIG. 5
(Prior Art)

ENERGY LEVEL POPULATION DYNAMICS FOR
GAIN BOOST TWO-COLOR PUMPED Er:YAG
LASER WITH CONSECUTIVE PUMP ONSET
SYNCHRONIZATION

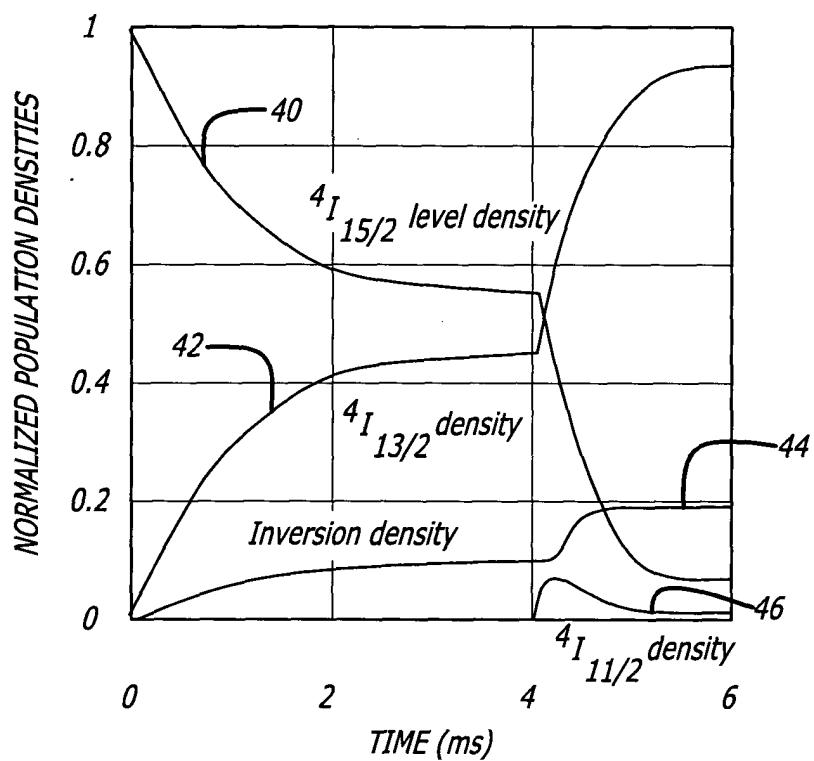


FIG. 6

*Q-SWITCHED LASER OUTPUT RESONANT
PUMPING ONLY*

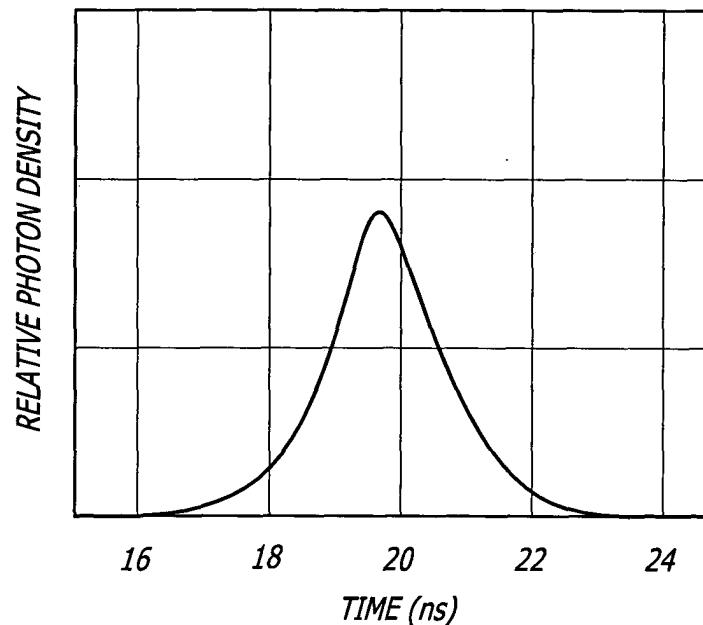


FIG. 7
(Prior Art)

Q-SWITCHED LASER OUTPUT GAIN BOOST

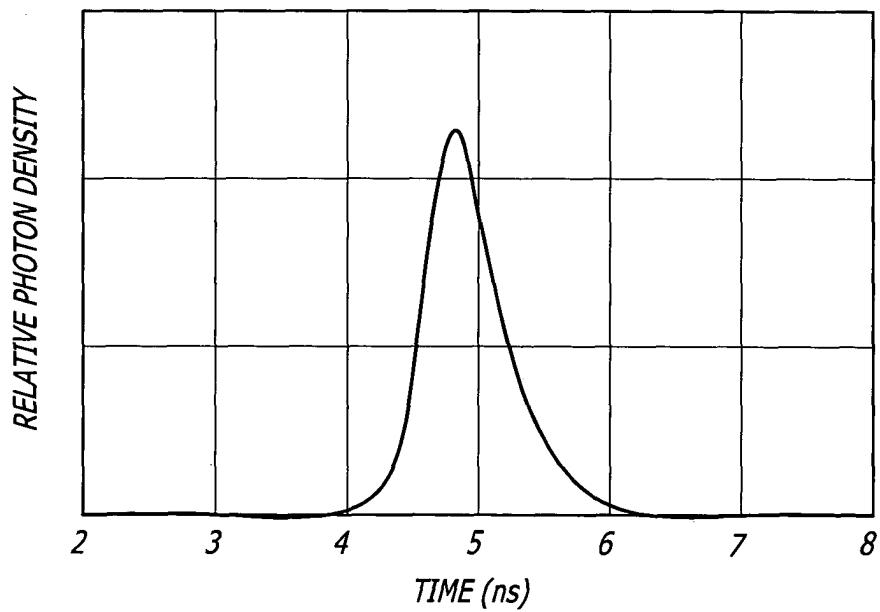


FIG. 8

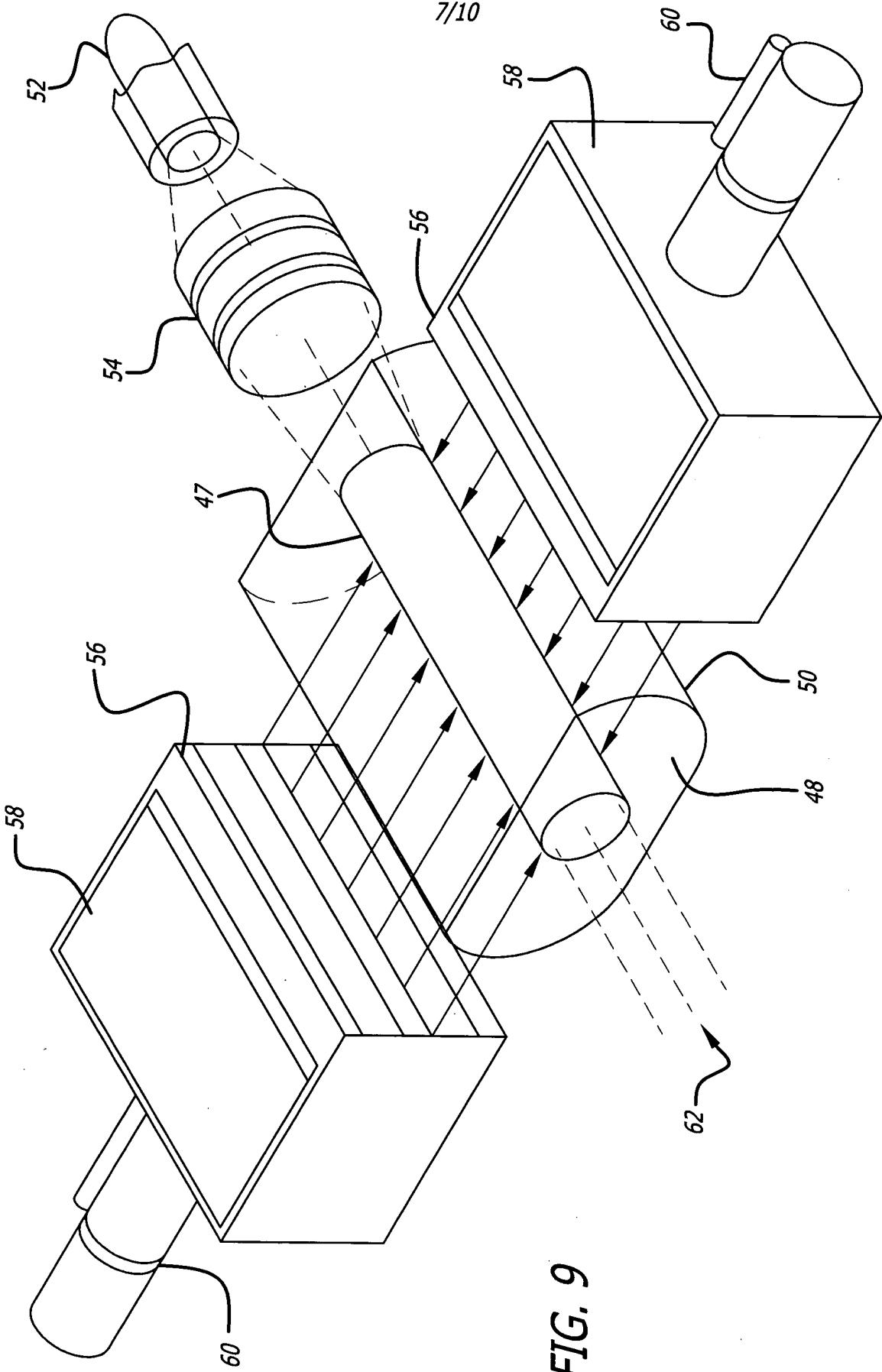


FIG. 9

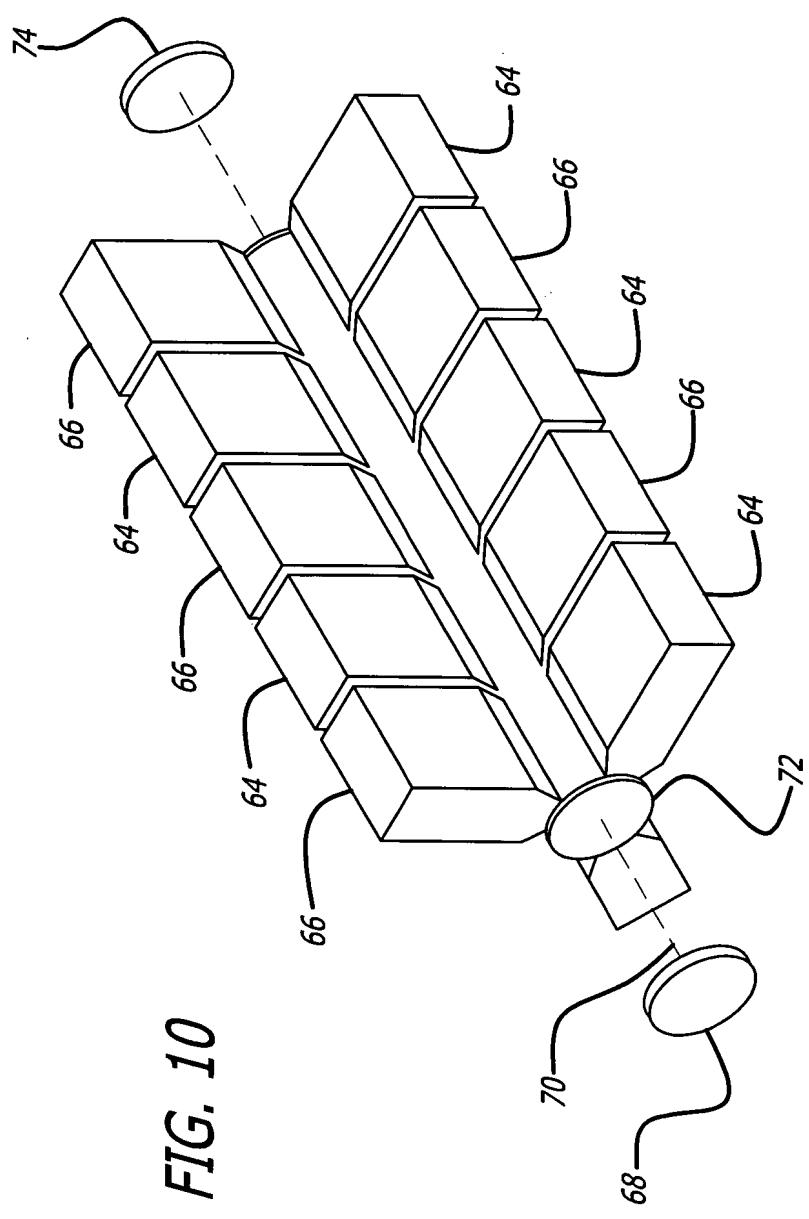


FIG. 10

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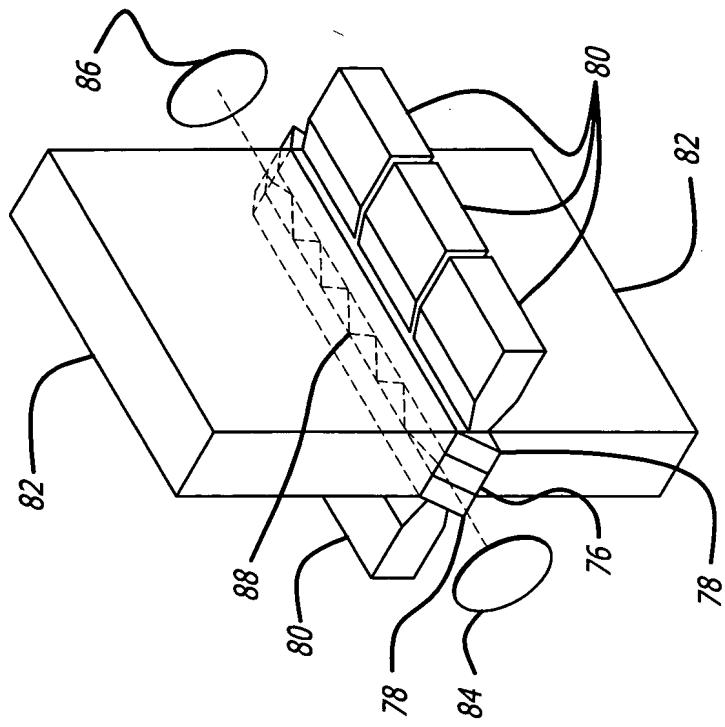


FIG. 12

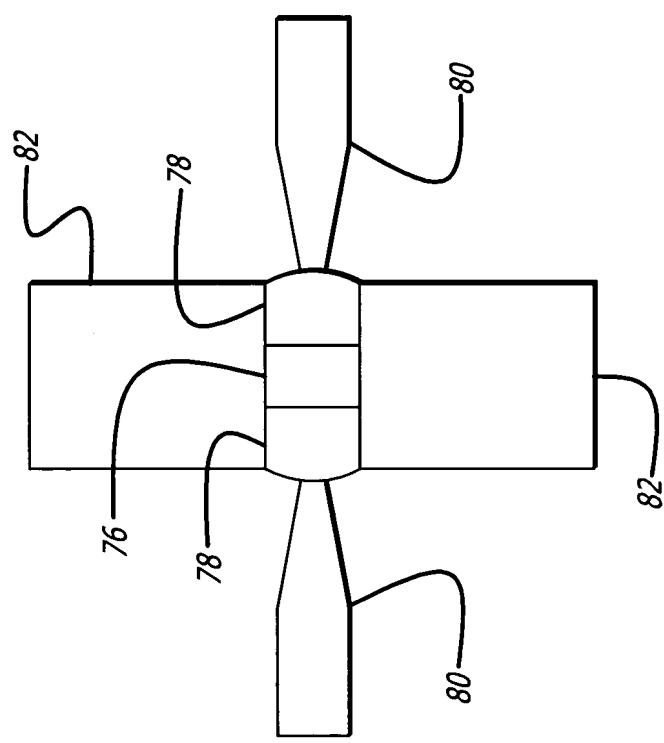


FIG. 11

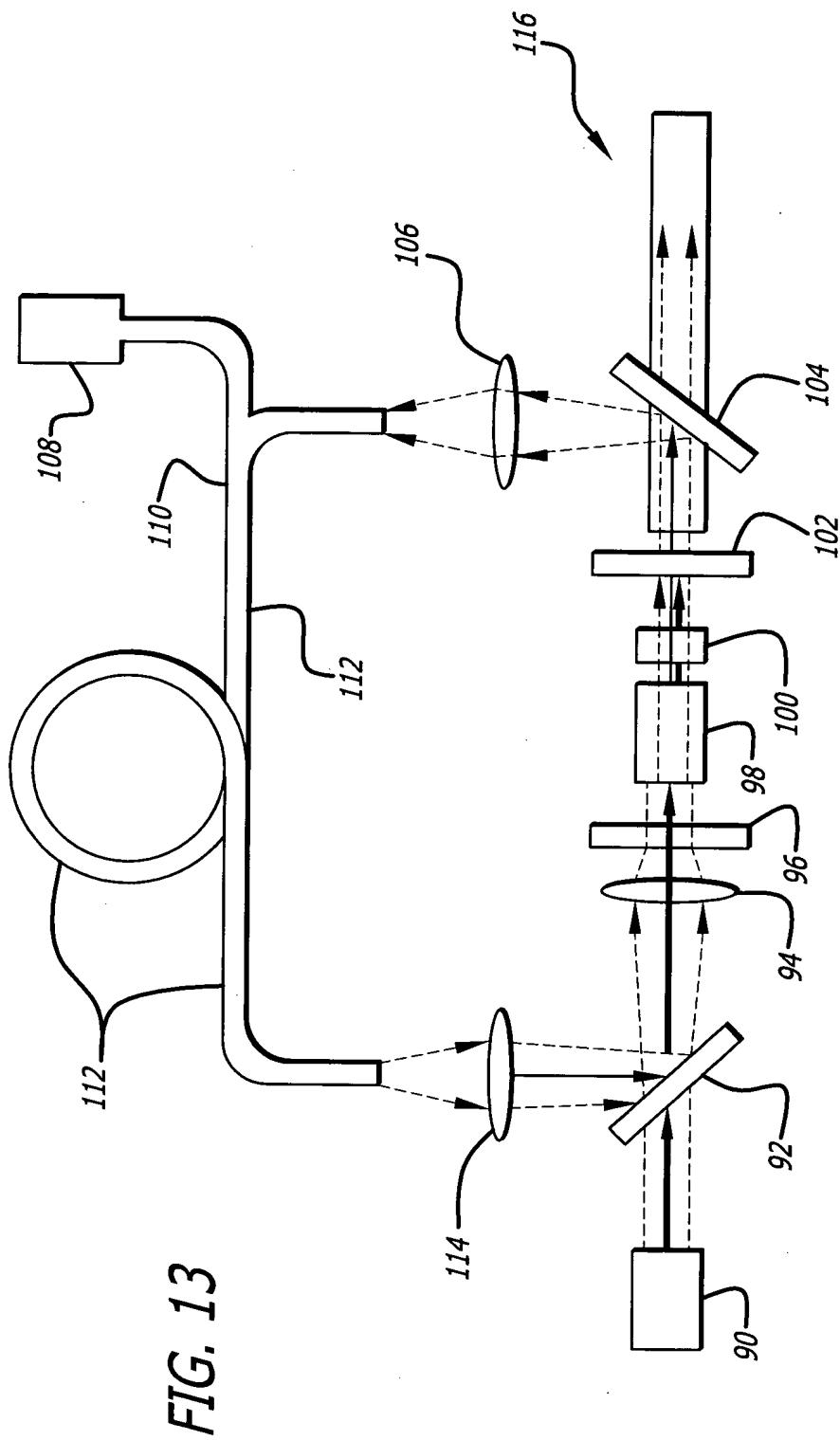


FIG. 13